



## AS – Biology to BS – Biology Biotechnology Concentration 2023-2024 Transfer Pathway



AS Degree Requirements							
Austin Community College							
ACC	TAMUCT	Course Name	SCH	ACC	TAMUCT	Course Name	SCH
EDUC 1300	EDUC 1300	Learning Framework: Effective Strategies for College Success	3	BIOL 2421 <sup>2</sup>	BIOL 2421	Microbiology for Science Majors	4
ENGL 1301	CORE 010	English Composition I	3	CHEM 1312 <sup>2</sup>	CORE 090	General Chemistry II – Lecture	3
BIOL 1406 <sup>2</sup>	CORE 030	Cellular and Molecular Biology	4	CHEM 1112 <sup>2</sup>	CORE 090	General Chemistry II – Lab	1
MATH 2412	MATH 2412	Precalculus: Functions and Graphs	4	PHYS 1401 <sup>2</sup>	PHYS 1401	General College Physics I	4
ENGL 1302	CORE 010	English Composition II	3	GOVT 2306	CORE 070	Texas State and Local Government	3
BIOL 1407 <sup>2</sup>	CORE 030	Structure and Function of Organisms	4	HIST 1302	CORE 060	United States History II	3
MATH 2413 <sup>2</sup>	CORE 020	Calculus I	4	ENGL 2327	CORE 040	American Literature: Beginnings through Civil War	3
CHEM 1311 <sup>2</sup>	CORE 090	General Chemistry I – Lecture	3	CHEM 2325 <sup>2</sup>	CHEM 2325	Organic Chemistry II – Lecture	3
CHEM 1111 <sup>2</sup>	CORE 090	General Chemistry I – Lab	1	CHEM 2125 <sup>2</sup>	CHEM 2125	Organic Chemistry II – Lab	1
HIST 1301	CORE 060	United States History I	3	CHEM 2323 <sup>2</sup>	CHEM 2323	Organic Chemistry I – Lecture	3
GOVT 2305	CORE 070	United States Government	3	CHEM 2123 <sup>2</sup>	CHEM 2123	Organic Chemistry I – Lab	1
<b>Subtotal</b>							<b>64</b>

Additional Lower-Level Degree Requirements			
Austin Community College			
Austin Community College	Texas A&M University - Central Texas	Course Name	SCH
CORE 050 <sup>1</sup>	CORE 050	Creative Arts Core	3
CORE 080 <sup>1</sup>	CORE 080	Social & Behavioral Science Core	3
<b>Subtotal</b>			<b>6</b>

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
BIOL 3452 <sup>2</sup>	Principles of Genetics	4	BIOL 4471 <sup>2</sup>	Molecular Biology	4
CHEM 4430 <sup>2</sup>	Biochemistry I	4	BIOL 4475 <sup>2</sup>	Proteomics	4
CHEM 3415 <sup>2</sup>	Analytical Chemistry	4	BIOL 4380 <sup>2</sup>	Evolution	3
MATH 3350 <sup>2</sup>	Principles of Bio-Statistics	3	BIOL 4451 <sup>2</sup>	Bioinformatics	4
BIOL 4470 <sup>2</sup>	Cell Biology	4	BIOL 4395 <sup>2</sup>	Biology Capstone	3
CHEM 4415 <sup>2</sup>	Instrumental Analysis	4	Elective	Elective - Faculty Approved	4
BIOL 3380 <sup>2</sup>	Research Methods	3	Elective	Elective - Faculty Approved	4
<b>Subtotal</b>					<b>52</b>
<b>Total</b>					<b>122</b>

### Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at Austin Community College. For help with pathway planning, students should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. The AS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete these remaining lower-level courses at Austin Community College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
2. Courses must be completed with a "C" or better.